

BLACK ROCK FOREST 2005 DEER HARVEST REPORT

THE SEASON

November 19 to December 11

Opening day began on a Saturday instead of the traditional first Monday after the 15th of November. The attempt by the Department of Environmental Conservation of New York to create a better hunting opportunity, especially to young hunters, may have back-fired here at BRF. On this clear cold day (28^oF. a.m., 40^oF p.m.) the forest experienced the lowest hunter turnout, 79 Hunters, since the 40 years of record keeping. This did not prevent a good opening day success rate of 18%.

The first week of the season continued with slightly less hunting pressure even with good weather and a 2" snow for Thanksgiving Morning. During the rest of the season, 3 days of rain and seasonal temperatures ended with a 12 inch snowfall on Dec. 9th.

During the 23 day season, 147 hunters visited 460 times, harvesting 18 Bucks and 13 Does. One buck was taken during the early bow season and one doe in the muzzleloader season.

<u>SEASON HUNTING PRESSURE AND SUCCESS RATE</u>											
	HUNTERS	HUNTER VISITS	PERMITS (VEHICLES)	VISITS PER HUNTER	DMU		DMAP		SUCCESS RATE		
					HUNTERS	VISITS	Hunters	Requested	BUCKS	ANTERLESS	TOTAL
12 Year Average	181	576	405	3.1	93				14%		23%
Range (Hi-Low)	208-153	695-384	510-275	3.3 - 2.5	127 - 52				20% - 7%		29% - 13%
2005	147	460	323	3.1	61	157	49	114	11%	10%	20%

PERMITS AND LICENSES FILLED

<u>Type</u>	<u>Number Harvested</u>
Big Game	
Rifle	14
Bow	1
Muzzleloader	1
Deer Management Unit Permit	6
Deer Management Assistance Program	<u>10</u>
	32

HUNTING PRESSURE AND SUCCESS BY ZONE

<u>ZONE</u>	<u>ACRES</u>	<u>HUNTER VISITS</u>	<u>BUCKS</u>	<u>DOES</u>
I	450	79	0	2
II	520	101	4	6
III	450	60	7	1
IV	460	52	3	1
V	400	51	0	2
VI	500	44	3	2
VII	150	27	0	0
VIII	330	41	2	0
MINERAL SPRINGS	120	5	0	0
TOTAL	3380	460	19	14

THE DEER

The harvest produced 33 kills.

Bow Season --	1 Deer	1 Buck	0 Doe
Rifle Season --	31 Deer	18 Bucks	13 Does
Muzzleloader season --	1 Deer	0 Bucks	1 Doe

Fawns (8) 3 Bucks 5 Does

An unusually high percentage of the antlerless take, 44%. Possibly, an indication that fawns may have been in higher proportional numbers to adults. Additionally, overall harvest numbers may be too low to deduct solid information. Fawn weights continue to be below healthy standards.

Bucks (19)

Yearlings (5)

The lowest Yearling Buck take in over 30 years! Neither the Gypsy Moth infestation of 1981, the Blizzard of 1993, nor the drought of 1999 caused such a low harvest. All these events resulted in yearling harvest of 7 yearlings. Those 3 years, although given low kills, had antler beam diameters and body weights showing promise for the next year's recovery.

This year, following a year with 5 sublegal yearlings, shows little indication of recovery. Antler beam diameter of a very unhealthy 14.0 mm and dressed body weights of 75 lbs. are the lowest in over 25 years.

Will the predation of Coyote keep these numbers down, or will the meager Chestnut Oak Acorn crop be enough to begin the recovery of this age class? The Winter Tracking Index and Winter Severity will give an indication of the future of this age class and the one to come (fawns).

		YEARLING MALES													
												(mm)	(lbs.)	% OF	
YEAR	TOTAL											ANTLER	BEAM	BODY	LEGAL
	YEARLINGS	ANTLER POINT CLASS										POINTS	DIAMETER	WEIGHT	BUCK TAKE
		SPK	3	4	5	6	7	8	9	10	legal		(dressed)		
1990 - 2004															
TOTAL	228	98	32	54	15	15	1	1	0	0	10				
AVERAGE	15	-----PER YEAR-----													57%
		-----PER DEER-----										3.1	15.9	89	
RANGE (hi - low)	7 - 31	-----PER YEAR-----										4.1 - 2.3	16.7 - 14.7	94 - 80	83% - 29%
2005	5	2	0	2	0	0	0	0	0	0	1	3.0	14.0	75	31%

Adults (9)

Surprisingly, adult deer (2 ½ yrs. +) were represented well in the harvest. It is difficult to put faith in that all these deer grew up in BRF. With all the data presented, it can be assumed most of these adults came from low elevation and farming areas. They are most likely drawn to BRF by rutting behavior.

		<u>2 1/2 YEAR OLDS</u>														
													(mm)	(lbs.)	% OF	
<u>YEAR</u>	<u>TOTAL</u>	<u>ANTLER POINT CLASS</u>										<u>sub</u>	<u>ANTLER POINTS</u>	<u>BEAM DIAMETER</u>	<u>BODY WEIGHT</u>	<u>LEGAL BUCK TAKE</u>
		<u>SPK</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>legal</u>			(dressed)		
1990 - 2004																
TOTAL	107	5	4	19	14	33	14	18	0	0	0					
AVERAGE	7	-----PER YEAR-----													27%	
		-----PER DEER-----										5.7	21.2	108		
RANGE (hi - low)	2 - 14	-----PER YEAR-----										6.3 - 4.2	23.1 - 18.4	122 - 95	41% - 8%	
2005	7	2	0	1	0	0	1	2	0	0	0	5.2	20.2	108	44%	
		3														

		<u>3 1/2 + 4 1/2 YEAR OLDS</u>														
													(mm)	(lbs.)	% OF	
<u>YEAR</u>	<u>TOTAL</u>	<u>ANTLER POINT CLASS</u>										<u>sub</u>	<u>ANTLER POINTS</u>	<u>BEAM DIAMETER</u>	<u>BODY WEIGHT</u>	<u>LEGAL BUCK TAKE</u>
		<u>SPK</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>legal</u>			(dressed)		
1990 - 2004																
TOTAL	63	0	0	4	6	10	11	27	1	3	0					
AVERAGE	4	-----PER YEAR-----													16%	
		-----PER DEER-----										7.1	25.4	123		
RANGE (hi - low)	14 - 0	-----PER YEAR-----										10.0 - 5.0	28.6 - 21.7	140 - 94	44% - 0%	
2005	4	0	0	0	0	2	0	1	0	1	0	7.5	25.3	115	25%	

Does (14)

Females continue to maintain their numbers and age structure, key to the future population. Many of these deer also may have been relocated by the dense population in unhuntable suburbia. But, it is evident a core forest population persists.

AGE CLASS	Fawn	1.5	2.5	3.5	4.5	5.5	6.5	7.5	8.5	10.5	Unknown	% 3.5+	Total
Number Harvested	5	0	2	2	1	1	2	1				57%	14
Avg. Dressed Weight	42	0	80	90	102	88	96	78					

Conclusion

Data collected during the 2005 Hunting Season indicates the physical state of the herd is poor. Fawns and Yearlings measurements demonstrate a poor recovery of those age classes. Adult numbers remain adequate for the eventual recovery of deer numbers by their reproduction potential. Essentially a mild winter followed by a good growing season punctuated with a healthy acorn crop will be needed to reverse this three year trend of poor health and numbers of the deer herd of BRF.

DEER MANAGEMENT ASSISTANCE PROGRAM (DMAP)

Ten DMAP permits were granted by D.E.C. 10 Antlerless deer were harvested during the Big Game rifle season.

BOW AND MUZZLE LOADING SEASON

Bow Hunting - Oct. 15 through Nov. 18 – One Buck Harvested
 Dec. 15 through Dec.19

Muzzle Loading – Dec. 15 through Dec. 21— One Doe Harvested

These hunting seasons are by written permission (by Forest Manager) only.
18 Permits were granted.

HARVEST BREAK DOWN

TOTAL HARVEST	
BUCKS	18
DOES	14
Unclaimed	1 (buck)
Road Kill	1 (doe)
TOTAL	34

HUNTERS	147
VISITS	460
VISITS/HUNTER	3.13

DMAP -- Requested 114 times by 49 Hunters
 WMU's -- Used 157 times by 61 Hunters

BUCKS

REGULAR SEASON	17
BOW SEASON	1
TOTAL:	18

AGE	#	AVG. WEIGHT
FAWNS	3	46
YEARLINGS	4	74.75
2 1/2	7	114.5
3 1/2	4	114.75
	18	

POINTS	#
BB	3
SPK	6
	4
	2
	6
	2
	7
	1
	8
	3
	10
	1
	18

DOES

AGE	#	AVG. WEIGHT (LBS.)
FAWNS	5	41.6
YEARLINGS	0	
2 1/2	2	80
3 1/2	2	90
4 1/2	1	102
5 1/2	1	88
6 1/2	2	96
7 1/2	1	78
	14	

(28,36,40,48,56)

1984-2005 HARVEST DATA: FAWNS

YEAR	TOTAL FAWN HARVESTED	TOTAL ANTLERLESS TAKE (INCLUDES BB) (AND SUBLEGAL)	FAWNS AS % OF ANTLERLESS HARVEST	MALE		FEMALE	
				TOTAL HARVESTED	AVG DRESSED* WEIGHT (LBS)	TOTAL HARVESTED	AVG DRESSED* WEIGHT (LBS)
1984	1	10	10%	0		1	50
1985	9	20	45%	6	56	3	48
1986	12	37	32%	8	45	4	33
1987	11	36	31%	7	38	4	44
1988	4	25	16%	1	44	3	49
1989	3	14	21%	3	55	0	0
1990	5	19	26%	3	56	2	48
1991	4	26	15%	3	59	1	52
1992	3	33	9%	1	48	2	40
1993	2	12	16%	1	46	1	48
1994	9	22	40%	4	65	5	53
1995	0	11	0%	0			
1996	NO ANTLERLESS TAKE						
1997	4	16	25%	3	53	1	48
1998	6	25	24%	3	55	3	51
1999	7	28	25%	4	45	3	43
2000	9	24	37%	6	45	3	46
2001	6	25	24%	4	48	2	41
2002	7	26	27%	5	54	2	54
2003	4	13	31%	3	55	1	44
2004	5	25	20%	3	53	2	39
2005	8	18	44%	3	46	5	42
TOTALS	119	465	25%	71	51	48	44
AVERAGE							

* DRESSED WEIGHT - Weight of animal with all internal body organs removed.
(Live weight calculation = dressed weight x 1.25)

1990 - 2005 WHITE-TAILED DEER HARVEST REPORT

YEAR	TOTAL MALES	YEARLING MALES										SUB LEGAL	AVG. PTS.	AVG BEAM DIA. (MM)	AVERAGE WT. (LBS)	FREQ. %	
		ANTLER POINT CLASS															
		SPK	3	4	5	6	7	8	9	10	0						0
1990	17	5	5	3	2	2	0	0	0	0	0	0	0	3.5	16.3	88	56
1991	31	14	3	11	1	1	1	0	0	0	0	0	0	3.2	16.6	94	63
1992	20	6	3	7	1	3	0	0	0	0	0	0	0	3.7	16.7	86	61
1993	15	9	2	1	0	1	0	0	0	0	0	2	0	2.6	14.7	89	68
1994	7	3	2	1	1	0	0	0	0	0	0	0	0	3.0	15.0	91	44
1995	10	6	0	2	1	1	0	0	0	0	0	0	0	3.1	16.3	91	72
1996	20	11	6	2	1	0	0	0	0	0	0	0	0	2.6	14.8	88	83
1997	16	8	3	3	1	0	0	0	0	0	0	0	0	2.8	15.5	87	53
1998	20	9	2	5	1	2	0	1	0	0	0	0	0	3.5	16.2	88	60
1999	11	3	1	7	0	0	0	0	0	0	0	0	0	3.4	16.3	89	52
2000	15	4	3	6	1	0	0	0	0	0	0	1	0	3.2	15.1	84	50
2001	7	5	0	1	0	0	0	0	0	0	0	1	0	2.3	16.0	90	29
2002	13	6	1	3	2	0	0	0	0	0	0	1	0	3.1	17.7	88	52
2003	15	5	1	1	2	5	0	0	0	0	0	0	0	4.5	16.7	90	55
2004	11	4	0	1	1	0	0	0	0	0	0	5	0	2.8	14.8	80	55
2005	5	2	0	2	0	0	0	0	0	0	0	1	0	3.0	14.0	75	31

YEAR	TOTAL MALES	2 1/2 YEAR OLD MALES										SUB LEGAL	AVG. PTS.	AVG BEAM DIA. (MM)	AVERAGE WT. (LBS)	FREQ. %	
		ANTLER POINT CLASS															
		SPK	3	4	5	6	7	8	9	10	0						0
1990	13	0	1	2	1	4	1	4	0	0	0	0	0	6.1	21.6	105	40
1991	14	0	0	2	1	6	1	4	0	0	0	0	0	6.3	21.8	112	28
1992	7	0	0	1	4	0	1	1	0	0	0	0	0	5.6	20.9	110	21
1993	5	1	1	1	0	2	0	0	0	0	0	0	0	4.2	18.4	103	23
1994	2	0	0	1	1	0	0	0	0	0	0	0	0	4.5	20.0	122	12
1995	2	0	1	0	0	0	0	1	0	0	0	0	0	5.5	22.0	118	14
1996	2	0	0	1	1	0	0	0	0	0	0	0	0	4.5	21.5	119	8
1997	11	2	0	1	0	3	2	3	0	0	0	0	0	5.8	21.4	109	37
1998	8	0	0	1	2	1	2	2	0	0	0	0	0	6.3	23.1	115	24
1999	6	0	1	0	1	2	0	2	0	0	0	0	0	6.0	22.5	111	29
2000	11	0	0	3	1	6	0	1	0	0	0	0	0	5.5	20.7	106	37
2001	10	1	0	2	1	4	2	0	0	0	0	0	0	5.7	20.0	95	41
2002	3	0	0	1	2	0	0	0	0	0	0	0	0	5.7	21.7	103	12
2003	4	0	0	1	0	0	3	0	0	0	0	0	0	6.3	22.8	105	15
2004	9	1	0	3	0	3	2	0	0	0	0	0	0	5.1	20.9	106	45
2005	7	2	0	1	0	0	1	2	0	0	0	0	0	5.2	20.2	108	44

1990 - 2005 WHITE-TAILED DEER HARVEST REPORT

3 1/2 - 4 1/2 Year Old Males

Year	Total Males	Spike	Antler Point Class							Sub Legal	Average		Average Wt. (lbs.)	Freq. %	
			3	4	5	6	7	8	9		10	Points			Dia. (mm)
1990	1	0	0	0	1	0	0	0	0	0	0	5.0	22.0	94	3
1991	4	0	0	0	1	1	1	1	1	0	0	7.8	24.3	117	8
1992	6	0	0	1	1	1	1	1	3	0	0	7.0	26.3	140	18
1993	2	0	0	0	0	0	0	1	1	0	0	7.5	23.5	126	9
1994	7	0	1	1	1	2	0	0	3	0	0	6.4	23.1	124	44
1995	2	0	0	0	0	0	0	0	1	1	0	8.5	28.0	137	14
1996	1	0	0	0	0	0	0	0	0	0	1	10.0	26.0	138	4
1997	3	0	0	0	0	1	1	0	2	0	0	7.3	27.7	123	10
1998	5	0	0	0	1	1	1	1	3	0	0	7.4	28.6	137	15
1999	4	0	0	0	1	1	1	0	3	0	0	7.3	26.3	122	19
2000	4	0	1	0	0	0	0	1	2	0	0	6.7	21.7	113	13
2001	7	0	0	1	1	1	1	2	3	0	0	7.0	23.4	109	30
2002	9	0	1	1	1	1	1	2	3	0	1	7.0	26.4	117	36
2003	8	0	1	1	1	1	1	2	3	0	0	6.6	28.0	127	30
2004	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0	0
2005	4	0	0	0	0	2	0	0	1	0	1	7.5	25.3	115	25

FEMALE AGE CLASS IN YEARS

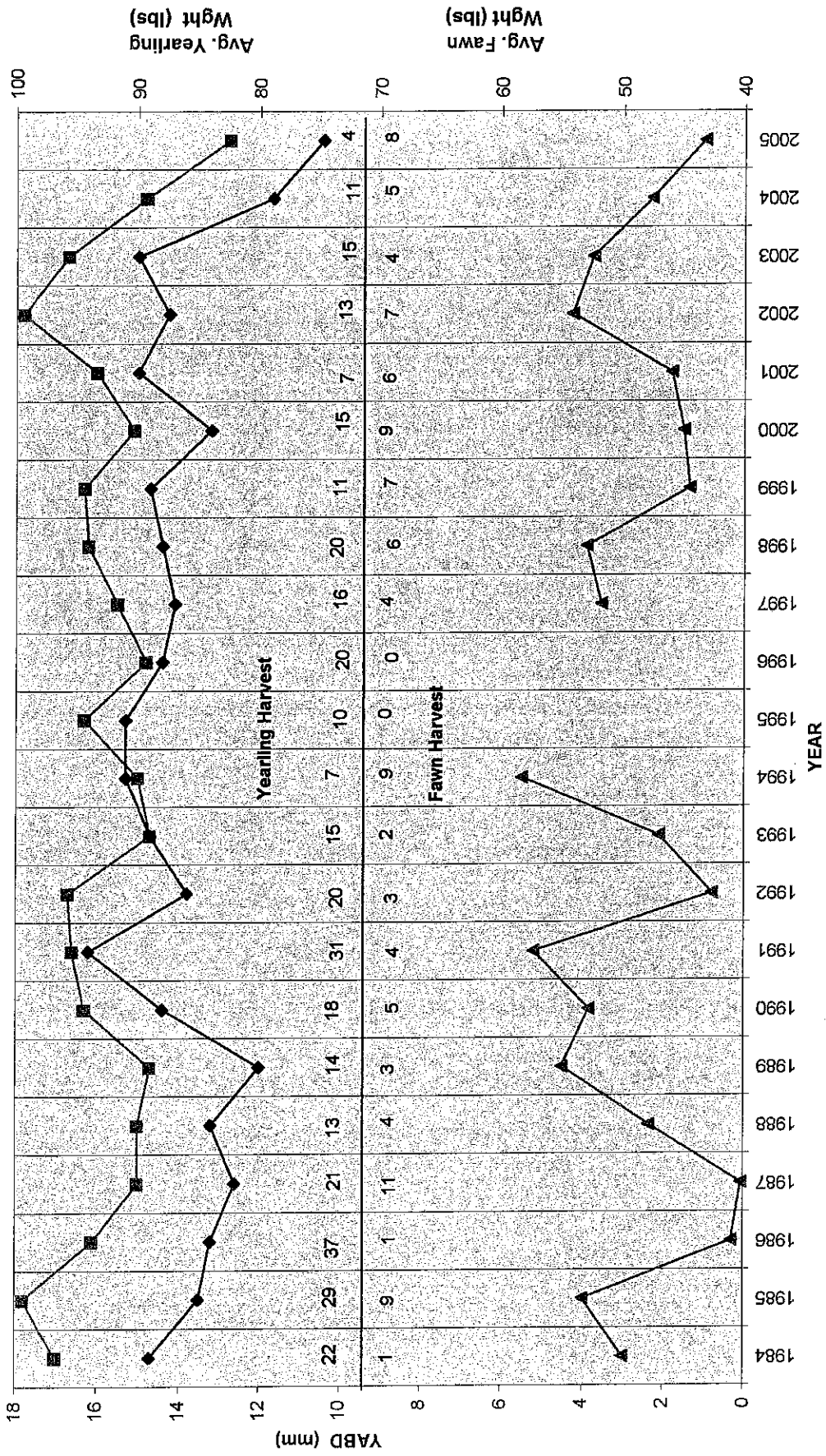
Year	Fawn	Age Class										TOTAL	% 3 1/2 yrs. +
		1.5	2.5	3.5	4.5	5.5	6.5	7.5	8.5-9.5	10.5+	Unknown		
1990	2	1	4	6	1	0	0	2	0	0	0	16	56
1991	1	7	6	3	1	3	0	1	0	1	0	23	39
1992	2	6	5	3	2	5	3	2	3	1	0	32	59
1993	1	2	3	1	2	1	1	0	0	0	0	11	45
1994	5	1	3	3	1	1	1	2	1	0	0	18	50
1995	0	2	3	2	3	0	1	0	0	0	0	11	54
1996			NO DOES TAKEN									0	
1997	1	1	4	2	1	1	0	1	0	0	0	13	45
1998	3	5	5	4	2	3	2	0	0	0	0	24	46
1999	3	4	8	3	1	1	1	1	1	1	0	21	43
2000	3	2	2	6	2	0	1	0	2	0	0	18	61
2001	2	1	7	5	2	1	1	2	0	1	1	21	50
2002	2	4	7	6	2	0	0	0	0	0	0	21	38
2003	1	3	4	1	0	0	0	0	1	0	0	10	20
2004	2	2	4	2	3	2	1	1	1	0	0	17	53
2005	5	0	2	2	1	1	2	1	1	0	0	14	57

POPULATION COMPOSITION BY YEAR CLASS FOR DEER KNOWN TO HAVE BEEN HARVESTED

BIRTH YEAR	1998		1999		2000		2001		2002		2003		2004		2005		MIN POP KNOWN	TOTAL	AGE AS OF FALL 2005 (yrs)	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
1998	3	3	11	4	11	2	5	5	2	2	0	0	0	1	0	1	32	18	50	7.5
1999			4	3	15	2	10	7	7	6	3	0	0	2	0	2	39	22	61	6.5
2000					6	3	7	1	3	7	5	1	0	3	0	1	21	16	37	5.5
2001							4	2	13	4	4	4	0	2	0	1	21	13	34	4.5
2002									5	2	15	3	9	4	4	2	33	11	44	3.5
2003											3	1	11	2	7	2	21	5	26	2.5
2004													3	2	5	0	8	2	10	1.5
2005																	3	5	8	FAWN
TOTAL																	178	92	270	

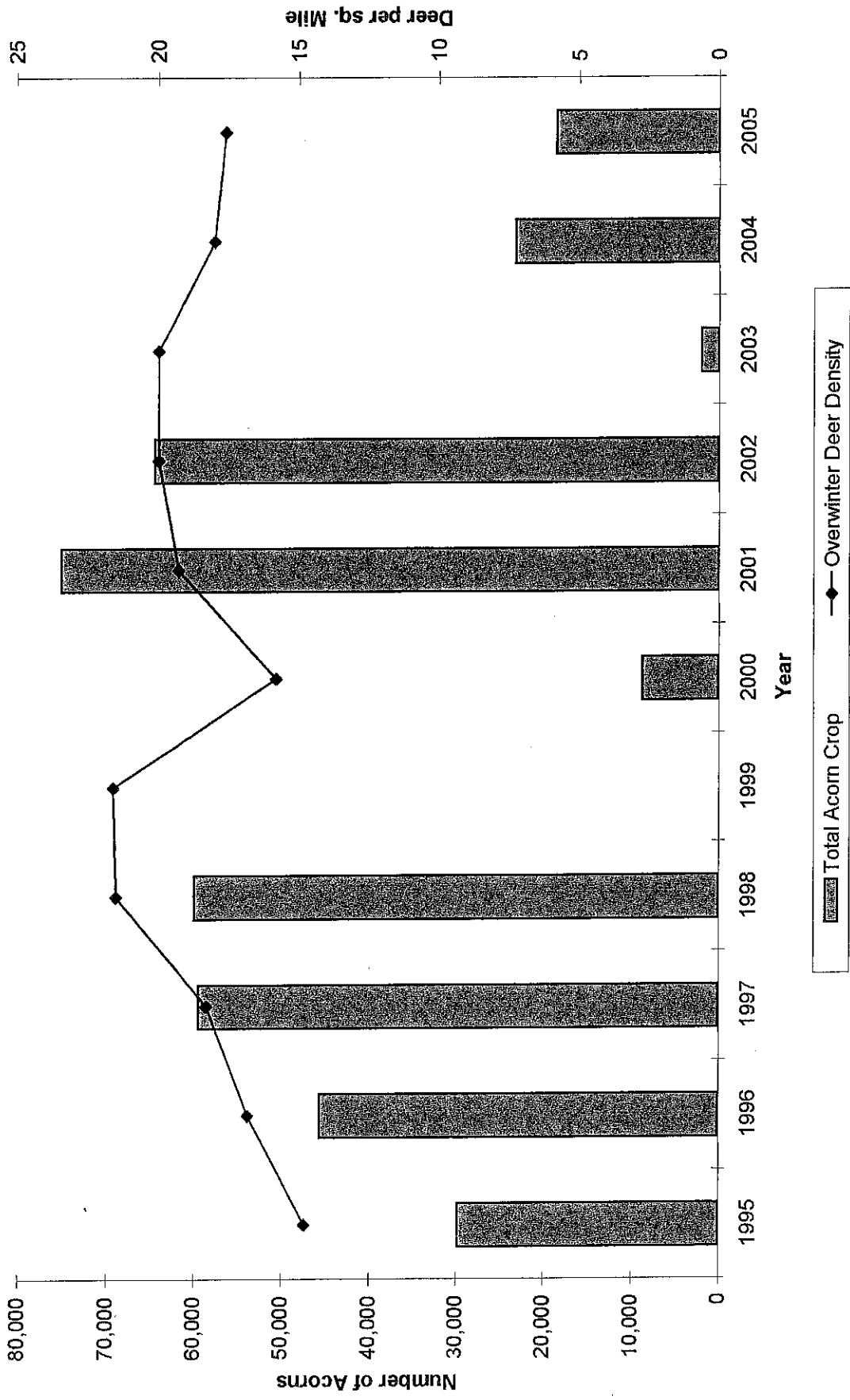
*The data represents the population composition each year at the time fawns were born.

POPULATION TREND

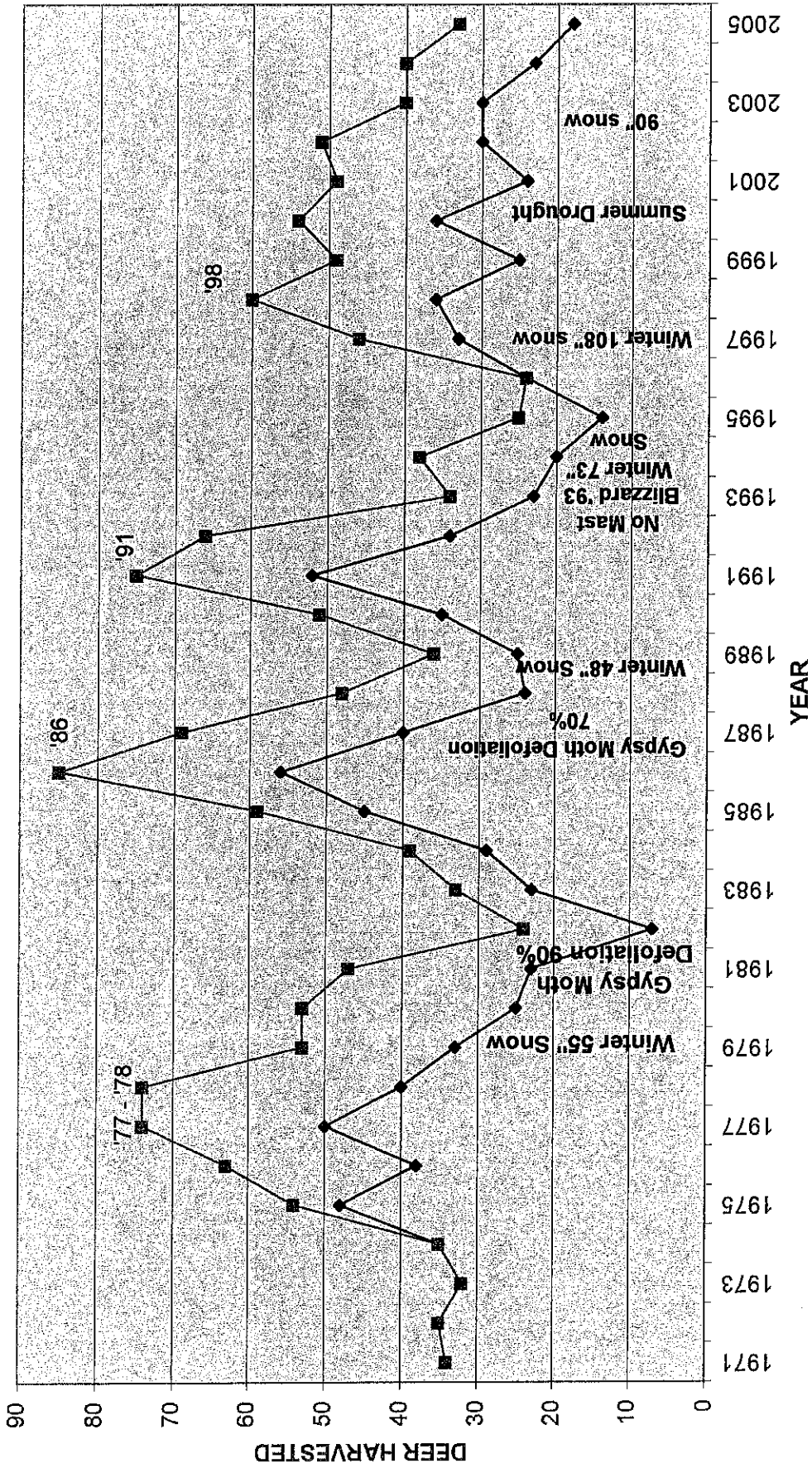


YABD
 Avg. Yearling Weight
 Avg. Fawn Weight

Acorn Crop and Overwinter Deer Density



**BUCK HARVEST VS TOTAL HARVEST
1971 - 2005**



◆ Bucks Harvested ■ Total Harvested

BIG BUCKS OF BLACK ROCK FOREST

<u>YEAR</u>	<u>HUNTERS NAME</u>	<u>POINTS</u>	<u>AGE/YRS</u>	<u>WEIGHT(lbs)</u>	<u>BEAM DIAMETER (mm)</u>
1988	BOB SMITH SR.	7	2 1/2	138	25
1989	JEFF PAVIA	8	2 1/2	147	26
1990	DAVE RICE	8	2 1/2	138	27
1991	STEVE OTLOWSKI	10	3 1/2	124	27
	JOHN O'ROURKE	8	3 1/2	138	25
	JOE SWANSON	7	3 1/2	140	21
	JEFF PAVIA	8	2 1/2	120	28
	BOB BATES	6	2 1/2	122	26
	DAVE BARKI	8	2 1/2	114	26
	1992	FURMAN CONKLIN	5	4 1/2	162
RALPH DEPEW		7	3 1/2	154	28
DOUG SPAULDING		8	3 1/2	150	23
BOB SHERMAN JR		8	3 1/2	120	27
LOU GIZZARELLI		6	3 1/2	132	25
TONY TALLARICO		8	3 1/2	122	24
JEFF PAVIA		8	2 1/2	116	25
1993		HENRY MESEROLE	8	3 1/2	134
	AL CRUDELE	7	3 1/2	118	22
1994	AL CRUDELE (BOW)	8	3 1/2	130	26
	AL CRUDELE	6	3 1/2	142	27
	PAT PURCELL	8	3 1/2	130	23
	JOHN VITEK	8	3 1/2	110	23
1995	JAMES FURGUSON	9	3 1/2	152	28
	RALPH BREDEN	8	3 1/2	122	28
	SAM VRIESEMAN	8	2 1/2	124	22
1996	RON JURAIN	10	3 1/2	138	26
	ANTHONY TALLARICO	8	4 1/2	138	26
1997	GLENN SHEARER	6	3 1/2	140	31
	AL GHIOTTI	8	3 1/2	112	30
	EUGENE GHIOTTI	6	2 1/2	132	27
	DAVID ROULANGER	8	2 1/2	114	24
	SEAMUS LEAVEY	8	2 1/2	102	25
	JOE SWANSON	8	2 1/2	100	25
	FARREL HOPKINS	8	3 1/2	116	22
	HENRY MESEROLE	7	2 1/2	122	23
	DOUG SPAULDING JR.	7	2 1/2	112	23
	AL WOODRUFF	6	2 1/2	110	22
	1998	JOHN STAPLES	8	4 1/2	146
EUGENE GHIOTTI		8	3 1/2	135	33
BILL FRANK		8	3 1/2	136	26
JEFF WALKER		7	3 1/2	136	28
EUGENE CONKLIN		8	2 1/2	122	24
CHRIS KIRWAN		8	2 1/2	110	23
BOB SHERMAN		7	2 1/2	118	26
TERRY McELROY		6	3 1/2	132	26
DOUG SPAULDING		8	1 1/2	102	22

BIG BUCKS OF BLACK ROCK FOREST

<u>YEAR</u>	<u>HUNTERS NAME</u>	<u>POINTS</u>	<u>AGE/YRS</u>	<u>WEIGHT(lbs)</u>	<u>BEAM DIAMETER (mm)</u>
1999	BOB GOSDA	8	3 1/2	138	28
	SCOTT KERLEY	8	3 1/2	114	26
	DENNIS WALKER	8	2 1/2	102	25
	PHIL ARCHDEACON	6	3 1/2	122	25
	AL CRUDELE	6	2 1/2	110	23
2000	GENE CONKLIN	8	3 1/2	136	27
	FRANK EARLY	6	2 1/2	116	22
	BOB BARKI	8	2 1/2	132	24
	SCOTT WALSH	8	3 1/2	110	21
2001	GENE CONKLIN	8	3 1/2	112	27
	AL CHRISTEIN	8	4 1/2	130	25
	TERRY McELROY	5	3 1/2	136	22
2002	FRED ZAMENICK JR.	8	4 1/2	126	30
	FRANK HALL	6	4 1/2	108	25
	BOB LEETCH	7	3 1/2	126	25
	TODD DUMOULIN	8	3 1/2	114	27
	STEVE RADZISZEINSKI	8	3 1/2	110	30
	DAVE BARKI	10	3 1/2	118	26
2003	RON LUCAS	7	2 1/2	110	22
	MIKE VRIESEMA	6	1 1/2	118	23
	STEVE VRIESEMA	8	3 1/2	120	23
	LONNIE CRUDELE	8	3 1/2	128	28
	LUIGI GUERRIERO	5	3 1/2	130	23
	BOB GOSDA	7	3 1/2	140	33
	STEVE OTLOWSKI	6	4 1/2	120	29
	HARRY JONES	8	3 1/2	128	26
	DAN JONES	7	4 1/2	112	32
	TODD DUMOULIN	4	4 1/2	138	30
2004	SCOTT KERLEY	7	2 1/2	108	23
	MATT MUNSON	7	2 1/2	112	23
	DAVE PETERSON	4	2 1/2	136	25
2005	JAMES LEAVEY	10	3 1/2	104	24
	JOHN MURAY (BOW)	8	2 1/2	120	26
	BOB GOSDA	8	2 1/2	96	20
	DENNIS NIEVES	8	3 1/2	133	26
	RON JURAIN	7	2 1/2	116	21
	MATT MUNSON	6	3 1/2	100	26

DEER HARVEST

1970 - 2005

DATE	BUCK	DOES	TOTAL HARVEST
1970	24	0	24
1971	34	0	34
1972	35	0	35
1973	32	0	32
1974	35	0	35
1975	48	6	54
1976	38	25	63
1977	50	24	74
1978	40	34	74
1979	33	20	53
1980	25	28	53
1981	23	24	47
1982	7	17	24
1983	23	10	33
1984	29	10	39
1985	45	14	59
1986	56	29	85
1987	40	29	69
1988	24	24	48
1989	25	11	36
1990	35	16	51
1991	52	23	75
1992	34	32	66
1993	23	11	34
1994	20	18	38
1995	14	11	25
1996	24	0	24
1997	33	13	46
1998	36	24	60
1999	25	24	49
2000	36	18	54
2001	28	21	49
2002	30	21	51
2003	30	10	40
2004	23	17	40
2005	19	14	33